sine-wave resampling circuit 308. In summary, the subject matter of the aforementioned patent application includes generating a cubic model for transitions between adjacent samples from the sample values and the gradient values cosited with the two samples. The cosited gradients are approximated to facilitate generation of the transition model. The coefficients for the cubic model are determined from the known values and used by a cubic model evaluation circuit to calculate resampled values between the adjacent samples. As will be explained in more detail below, the cubic model evaluation circuit described in the aforementioned patent application may be used with the present invention to determine resampled values for graphics data including sine-wave components.--
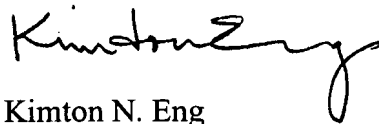

REMARKS

The amendments to the specification are made to complete the reference to the aforementioned co-pending application.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned **"Version with Markings to Show Changes Made"**.

Respectfully submitted,

DORSEY & WHITNEY LLP

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KNE:sem
Enclosures:
      Postcard
      Information Disclosure Statement
      Copy of Related Application (1)
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H:\IP\Documents\Clients\Rendition\500841.01\500841.01 prelim amend.doc

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the specification:

Paragraph beginning at line 13 of page 7 has been amended as follows:

The non-sine-wave resampling circuit 308 can perform conventional resampling operations that are well known to those of ordinary skill in the art. Alternatively, a resampling operation such as that described in co-pending application having U.S. Serial [Number _____, entitled] Number 09/760,173, entitled PIXEL RESAMPLING SYSTEM AND METHOD to Slavin, filed January 12, 2001, which is incorporated herein by reference, can also be performed by the non-sine-wave resampling circuit 308. In summary, the subject matter of the aforementioned patent application includes generating a cubic model for transitions between adjacent samples from the sample values and the gradient values cosited with the two samples. The cosited gradients are approximated to facilitate generation of the transition model. The coefficients for the cubic model are determined from the known values and used by a cubic model evaluation circuit to calculate resampled values between the adjacent samples. As will be explained in more detail below, the cubic model evaluation circuit described in the aforementioned patent application may be used with the present invention to determine resampled values for graphics data including sine-wave components.